

Response in Reissue Application
Reissue Application (10/714,477)

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the reissue application:

Listing of Claims:

1. (original): A fluid heating tank comprising:

a fluid heating tank laying on its side and having an inlet located in an annular sidewall of said tank at a lower portion of said tank and an outlet located at an upper portion of said tank higher than said inlet; and

a baffle assembly positioned within said tank over said inlet, said baffle assembly comprising:

an inner cap positioned over said inlet including a collar-like base having an inner cover attached to the top portion of said base said inner cover having openings therein to control fluid flow into said tank; and

an outer cap attached to and spaced apart from said inner cap by a spacer, said outer cap having a flange depending downwardly therefrom such that water flowing through said inlet may flow through said openings and impinge against a bottom of said outer cap continuing relatively smoothly along the inside of said flange and out into said tank.

2. (original): The fluid heating tank of claim 1 wherein said flange at least partially surrounds said inner cap.

3. (original): The fluid heating tank of claim 1 wherein said openings are trapezoidal in shape.

4. (original): The fluid heating tank of claim 1 wherein said outer cap is generally square in shape.

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5. (original): The fluid heating tank of claim 1 wherein said inner cap is generally square in shape.

6. (original): The fluid heating tank of claim 1 wherein said tank is a water heating booster for use with a commercial warewasher.

7. (original): A fluid heating tank comprising:

a fluid heating tank laying on its side and having an inlet located in an annular sidewall of said tank at a lower portion of said tank and an outlet located at an upper portion of said tank higher than said inlet; and

a baffle assembly positioned within said tank over said inlet, said baffle assembly comprising:

an inner cap positioned over said inlet including a collar-like base having an inner cover attached to the top portion of said base, said inner cover having openings therein to control fluid flow into said tank; and

an outer cap positioned over said inner cap wherein said outer cap is supported by brackets depending from said sidewall of said tank, said outer cap having a flange depending downwardly therefrom such that water flowing through said inlet may flow through said openings and impinge against a bottom of said outer cap continuing relatively smoothly along the inside of said flange and out into said tank.

8. A fluid heating tank comprising:

a fluid heating tank laying on its side and having an inlet pipe with an end terminating at a lower portion of said tank, an outlet located at an upper portion of said tank higher than said end of said pipe; and

a baffle assembly positioned within said tank over said end of said pipe and adjacent an annular sidewall of said tank, said baffle assembly comprising:

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an inner cap positioned over said end of said pipe and including a collar-like base having an inner cover attached to the top portion of said base, said inner cover having openings therein to control fluid flow into said tank; and

an outer cap positioned over and spaced apart from said inner cap, said outer cap having a flange depending downwardly therefrom such that water flowing through said end of said pipe may flow through said openings and impinge against a bottom of said outer cap continuing relatively smoothly along the inside of said flange and out into said tank.

9. The fluid heating tank of claim 8 wherein said flange at least partially surrounds said inner cap.

(Cancel claim 10)

11. A fluid heating tank comprising:

a fluid heating tank laying on its side and having an inlet pipe with an end terminating at a lower portion of said tank, an outlet located at an upper portion of said tank higher than said end of said pipe; and

a baffle assembly positioned within said tank over said end of said pipe, said baffle assembly comprising:

an inner cap positioned over said end of said pipe and including a collar-like base having an inner cover attached to the top portion of said base, said inner cover having openings therein to control fluid flow into said tank; and

an outer cap attached to and spaced apart from said inner cap by a spacer, said outer cap having a flange depending downwardly therefrom such that water flowing through said end of said pipe may flow upward through said openings and impinge against a bottom of said outer cap continuing relatively smoothly downward along the inside of said flange and out into said tank.

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(Cancel claim 12)

13. A fluid heating tank comprising:

a fluid heating tank laying on its side and having an inlet located adjacent an annular sidewall of said tank at a lower portion of said tank and an outlet located at an upper portion of said tank higher than said inlet; and

a baffle assembly positioned within said tank over said inlet, said baffle assembly comprising:

an inner cap positioned over said inlet including a collar-like base having an inner cover attached to the top portion of said base said inner cover having openings therein to control fluid flow into said tank; and

an outer cap attached to and spaced apart from said inner cap by a spacer, said outer cap having a flange depending downwardly therefrom such that water flowing through said inlet may flow through said openings and impinge against a bottom of said outer cap continuing relatively smoothly along the inside of said flange and out into said tank.

(Cancel claim 14)